

WHAT IS CLAIMED IS:

1. A winder for winding a wire onto a coil support portion of a dynamo-electric core, the winder having a central longitudinal axis, the winder comprising:

a needle for dispensing the wire;

a first assembly, the first assembly comprising a winding shaft, the needle being constrained to move translationally with the shaft, the first assembly being for producing translational movement of the shaft along the axis;

a second assembly for producing rotational movement of the needle about the axis; and

a third assembly comprising a drive member movably coupled to the winding shaft wherein relative rotation between the drive member and the winding shaft produces radial movement of the needle, and wherein the operation of the third assembly produces radial movement substantially independently of rotational movement of the second assembly.